



HIV/AIDS Surveillance Summary, Vol. 19, No. 1

HIV Surveillance Program

Preventive Health and Safety Division – Communicable Disease Section
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July 2010

This report is compiled every six months during the calendar year and is made possible by a cooperative agreement (#5U62PS001025) between the Wyoming Department of Health and the Centers for Disease Control and Prevention. The next surveillance report will be available after December 31, 2010. Please visit the Wyoming HIV Surveillance Program web site at: <http://wdh.state.wy.us/phsd/hivsurveillance> or contact Cheryl Corbin, HIV Surveillance Coordinator at 307-777-7719, email: cheryl.corbin@health.wyo.gov

Wyoming HIV/AIDS Surveillance Summary Cumulative, 1984 through June 30, 2010

Table 1. Number of cases and deaths^a by status and age category, Wyoming, 1984 through June 30, 2010

Status	Adults or adolescents				Children (<13 yrs)				Total			
	No.	%	Deaths	%	No.	%	Deaths	%	No.	%	Deaths	%
HIV infection (not AIDS)	110	30	9	6	6	75	0	0	116	31	9	6
AIDS - Immunologic	140	38	53	34	0	0	0	0	140	37	53	34
AIDS - All others	118	32	95	61	2	25	1	100	120	32	96	61
Total	368	100	157	100	8	100	1	100	376	100	158	100

AIDS immunologic case definition: CD4 count <200 cells/μl or CD4 percent <14% of total lymphocytes.

AIDS - All others case definition: Diagnosis of AIDS-defining illness/condition.

Table 2. Number of cases by age at diagnosis and sex^b, Wyoming, 1984 through June 30, 2010

Age at diagnosis (yrs)	Male		Female		Total	
	No.	%	No.	%	No.	%
<13	<5	-	<5	-	8	2
13-24	23	8	10	14	33	9
25-44	204	67	42	58	246	65
45-64	69	23	14	19	83	22
>=65	<5	-	<5	-	6	2
Total	304	100	72	100	376	100

Table 3. Number of cases by race/ethnicity^c, Wyoming, 1984 through June 30, 2010

Race/ethnicity	Total	
	No.	%
Hispanic, All races	36	10
Not Hispanic, American Indian/Alaska Native	15	4
Not Hispanic, Black or African American	26	7
Not Hispanic, White	291	77
Not Hispanic, Multi-race	6	2
Other/Unknown	2	1
Total	376	100

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

^aDeaths among persons reported in the selected time period.

^bData exclude (0) persons with missing or unknown sex.

^cData exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

Wyoming HIV/AIDS Surveillance Summary Cumulative, 1984 through June 30, 2010

Table 4a. Number of cases among adults or adolescents by transmission category and sex^d, Wyoming, 1984 through June 30, 2010

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	189	63	0	0	189	51
Injection drug use	36	12	21	31	57	15
Male-to-male sexual contact and injection drug use	37	12	0	0	37	10
Hemophilia/coagulation disorder	3	1	1	1	4	1
Heterosexual contact	5	2	37	54	42	11
Receipt of blood, components, or tissue	4	1	3	4	7	2
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR) ^f	9	3	4	6	13	4
No risk factor reported (NRR) ^g	17	6	2	3	19	5
Total	300	100	68	100	368	100

Table 4b. Number of cases among children <13 years by transmission category^e, Wyoming, 1984 through June 30, 2010

Transmission category	Total	
	No.	%
Hemophilia/coagulation disorder	0	0
Mother with/at risk for HIV infection	7	88
Receipt of blood, components, or tissue	0	0
Other risk factor reported	0	0
No identified risk factor (NIR) ^f	1	12
No risk factor reported (NRR) ^g	0	0
Total	8	100

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

^dData exclude (0) adults or adolescents with unknown or missing sex.

^eData exclude (0) children <13 years with unknown or missing sex.

^fNIR: After one year, or after investigation, no risk factor identified.

^gNRR: No risk factor reported at the time of initial report.

Wyoming HIV/AIDS Surveillance Summary

Cumulative, 1984 through June 30, 2010

Table 5. Number of cases, deaths^h, and case fatality rates by time of diagnosis, Wyoming, 1984 through June 30, 2010

Time of diagnosis	No.	Deaths	Case fatality rate %
Before 1985	2	2	100
1985	2	2	100
1986	5	5	100
1987	4	3	75
1988	10	9	90
1989	10	10	100
1990	16	9	56
1991	20	17	85
1992	15	13	87
1993	22	19	86
1994	17	11	65
1995	22	12	55
1996	13	7	54
1997	14	6	43
1998	9	7	78
1999	14	3	21
2000	9	4	44
2001	10	1	10
2002	20	4	20
2003	16	2	13
2004	18	4	22
2005	11	2	18
2006	13	2	15
2007	18	2	11
2008	29	1	3
2009	22	0	0
2010	15	1	7
Total	376	158	42

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

^hDeaths among persons reported in the selected time period.

Wyoming HIV/AIDS Surveillance Summary

Cumulative, 1984 through June 30, 2010

Table 6. Number of cases by county of residence at diagnosis, Wyoming, Cumulative, 1984 through June 30, 2010

Residence at diagnosis		
County	No.	%
Albany	34	9
Big Horn	2	1
Campbell	16	4
Carbon	20	5
Converse	8	2
Crook	4	1
Fremont	29	8
Goshen	13	3
Hot Springs	3	1
Johnson	1	0
Laramie	100	27
Lincoln	9	2
Natrona	48	13
Niobrara	2	1
Park	5	1
Platte	5	1
Sheridan	12	3
Sublette	2	1
Sweetwater	25	7
Teton	23	6
Uinta	12	3
Washakie	0	0
Weston	3	1
Total	376	100

Wyoming HIV/AIDS Surveillance Summary January 1 through June 30, 2010

Table 1. Number of cases and deaths^a by status and age category, Wyoming, January through June 2010

Status	Adults or adolescents				Children (<13 yrs)				Total			
	No.	%	Deaths	%	No.	%	Deaths	%	No.	%	Deaths	%
HIV infection (not AIDS)	5	38	0	0	3	100	0	0	8	50	0	0
AIDS – Immunologic	6	46	0	0	0	0	0	0	6	38	0	0
AIDS – All Others	2	15	1	100	0	0	0	0	2	13	1	100
Total	13	100	1	100	3	100	0	0	16	100	1	100

AIDS immunologic case definition: CD4 count <200 cells/μl or CD4 percent <14% of total lymphocytes.

AIDS - All others case definition: Diagnosis of AIDS-defining illness/condition.

Table 2. Number of cases by age at diagnosis and sex^b, Wyoming, January through June 2010

Age at diagnosis (yrs)	Male		Female	
	No.	%	No.	%
<13	<5	-	<5	-
13-24	<5	-	<5	-
25-44	11	85	<5	-
45-64	<5	-	<5	-
>=65	<5	-	<5	-
Total	13	100	3	-

Table 3. Number of cases by race/ethnicity^c, Wyoming, January through June 2010

Race/ethnicity	Total	
	No.	%
Not Hispanic, White	6	38
Other/Unknown	10	63
Total	16	100

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

^aDeaths among persons reported in the selected time period.

^bData exclude (0) persons with missing or unknown sex.

^cData exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

Wyoming HIV/AIDS Surveillance Summary January 1 through June 30, 2010

Table 4a. Number of cases among adults or adolescents by transmission category and sex^d, Wyoming, January through June 2010

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	8	67	0	0	8	62
Injection drug use	0	0	0	0	0	0
Male-to-male sexual contact and injection drug use	1	8	0	0	1	8
Hemophilia/coagulation disorder	0	0	0	0	0	0
Heterosexual contact	0	0	0	0	0	0
Receipt of blood, components, or tissue	0	0	0	0	0	0
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR) ^g	0	0	0	0	0	0
No risk factor reported (NRR) ^h	3	25	1	100	4	31
Total	12	100	1	100	13	100

Table 4b. Number of cases among children <13 years by transmission category^e, Wyoming, January through June 2010

Transmission category	Total	
	No.	%
Hemophilia/coagulation disorder	0	0
Mother with/at risk for HIV infection	3	100
Receipt of blood, components, or tissue	0	0
Other risk factor reported	0	0
No identified risk factor (NIR) ^g	0	0
No risk factor reported (NRR) ^h	0	0
Total	3	100

Table 5. Number of cases, deaths^f, and case fatality rates by time of diagnosis, Wyoming, January through June 2010

Time of diagnosis	No.	Deaths	Case fatality rate %
2009	1	0	0
2010	15	1	7
Total	16	1	6

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

^dData exclude (0) adults or adolescents with unknown or missing sex.

^eData exclude (0) children <13 years with unknown or missing sex.

^fDeaths among persons reported in the selected time period.

^gNIR: After one year, or after investigation, no risk factor identified.

^hNRR: No risk factor reported at the time of initial report.

Wyoming HIV/AIDS Surveillance Summary
Cumulative, January 1 through June 30, 2010

Table 6. Number of cases by county of residence at diagnosis, Wyoming, January through June 2010

Residence at diagnosis		
County	No.	Percent
Albany	2	13
Big Horn	1	6
Campbell	0	0
Carbon	0	0
Converse	0	0
Crook	0	0
Fremont	2	13
Goshen	0	0
Hot Springs	0	0
Johnson	0	0
Laramie	4	25
Lincoln	0	0
Natrona	3	19
Niobrara	0	0
Park	0	0
Platte	0	0
Sheridan	1	6
Sublette	0	0
Sweetwater	1	6
Teton	2	13
Uinta	0	0
Washakie	0	0
Weston	0	0
Total	16	100

Wyoming HIV/AIDS Surveillance Summary

HIV/AIDS Prevalence* as of June 30, 2010

Table 1. Table 1. Number of cases and deaths^a by status and age category, Wyoming, June 2010

Status	Adults or adolescents		Children (<13 yrs)		Total	
	No.	%	No.	%	No.	%
HIV infection (not AIDS)	93	44	4	80	97	45
AIDS - Immunologic	85	41	0	0	85	40
AIDS - All others	31	15	1	20	32	15
Total	209	100	5	100	214	100

AIDS immunologic case definition: CD4 count <200 cells/μl or CD4 percent <14% of total lymphocytes.

AIDS - All others case definition: Diagnosis of AIDS-defining illness/condition.

Table 2. Number of prevalent cases by age at diagnosis, Wyoming, June 2010

Age at diagnosis (yrs)	Total	
	No.	%
<13	5	2
13-24	17	8
25-44	151	71
45-64	40	19
>=65	1	0
Total	214	100

Table 3. Number of prevalent cases by race/ethnicity^b, Wyoming, June 2010

Race/ethnicity	Total	
	No.	%
Hispanic, All races	34	16
Not Hispanic, American Indian/Alaska Native	9	4
Not Hispanic, Black or African American	21	10
Not Hispanic, White	143	67
Not Hispanic, Multi-race	5	2
Other/Unknown	2	1
Total	214	100

*Individuals living with HIV/AIDS in Wyoming. Includes Wyoming and non-Wyoming cases.

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

^aDeaths among persons reported in the selected time period.

^bData exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

Wyoming HIV/AIDS Surveillance Summary HIV/AIDS Prevalence* as of June 30, 2010

Table 4a. Number of prevalent cases among adults or adolescents by transmission category and sex^c, Wyoming, June 2010

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	99	62	0	0	99	47
Injection drug use	22	14	10	20	32	15
Male-to-male sexual contact and injection drug use	21	13	0	0	21	10
Hemophilia/coagulation disorder	0	0	1	2	1	0
Heterosexual contact	5	3	30	61	35	17
Receipt of blood, components, or tissue	1	1	0	0	1	0
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR) ^e	6	4	7	14	13	6
No risk factor reported (NRR) ^f	6	4	1	2	7	3
Total	160	100	49	100	209	100

Table 4b. Number of prevalent cases among children <13 years by transmission category^d, Wyoming, June 2010

Transmission category	Total	
	No.	%
Hemophilia/coagulation disorder	0	0
Mother with/at risk for HIV infection	5	100
Receipt of blood, components, or tissue	0	0
Other risk factor reported	0	0
No identified risk factor (NIR) ^e	0	0
No risk factor reported (NRR) ^f	0	0
Total	5	100

*Individuals living with HIV/AIDS in Wyoming. Includes Wyoming and non-Wyoming cases.

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

^cData exclude (0) adults or adolescents with unknown or missing sex.

^dData exclude (0) children <13 years with unknown or missing sex.

^eNIR: After one year, or after investigation, no risk factor identified.

^fNRR: No risk factor reported at the time of initial report.